

ND I

Publication number: EP1144129

Publication date: 2001-10-17

Inventor: BAER KAI K O (DE); GAUS RAINER (DE); SEDLMEYR MARTIN (DE); SCHIELE STEFAN (DE)

Applicant: ADVANCED PHOTONICS TECH AG (DE); JOSEF SCHIELE OHG (DE)

Classification:

- international: B05D3/02; B05D7/06; F26B3/30; F26B9/06; B05D3/02; B05D7/06; F26B3/00; F26B9/06; (IPC1-7): B05D7/06; B05D3/02

- European: B05D3/02S3; B05D7/06; F26B3/30

Application number: EP19990955871 19991021

Priority number(s): DE19981057045 19981210; WO1999EP08003 19991021

Also published as:

WO0033978 (A1)
EP1144129 (A1)
US6858261 (B1)
DE19857045 (A1)
CA2353850 (A1)

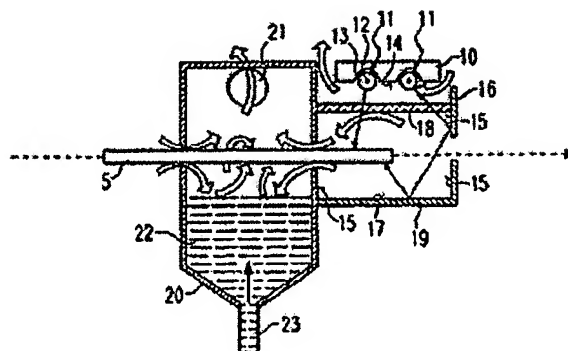
more >>

Report a data error here

Abstract not available for EP1144129

Abstract of corresponding document: DE19857045

The invention relates to a method for drying coated and/or impregnated objects (5), especially of varnished painted wood. According to said method, a coating and/or impregnating agent applied on the surface of the respective object is dried by infrared radiation of the coated or impregnated object before the characteristic period for drying has expired. The characteristic period is determined by the time during which an absorption, that means a penetration of components of the coating and/or impregnating agent (22) into the object (5) takes place so that the quality of the coating or impregnation is impaired. Alternatively or additionally thereto, the characteristic period is determined by the fact that after expiration of said period the penetration of a solvent and/or diluent of the coating and/or impregnating agent (22) which solvent and/or diluent should be stripped and/or bound during drying has caused the fibers of the object (5) to stand up so that a secondary treatment of the surface is required or desirable.



Data supplied from the esp@cenet database - Worldwide

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets

(11)

EP 1 144 129 A1

(43) Veröffentlichungstag:
17.10.2001 Patentblatt 2001/42

(51) Int. Cl.: B05D 7/06, B05D 3/02

(21) Anmeldenummer: 99955871.1

(86) Internationale Anmeldenummer:
PCT/EP99/08003

(22) Anmeldetag: 21.10.1999

(87) Internationale Veröffentlichungsnummer:
WO 00/33978 (15.06.2000 Gazette 2000/24)

(84) Benannte Vertragsstaaten:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE

(30) Priorität: 10.12.1998 DE 19857045

(71) Anmelder:
• Advanced Photonics Technologies AG
83052 Bruckmühl-Heufeld (DE)
• Josef Schiele OHG
56651 Niederzissen (DE)

(72) Erfinder:
• BÄR, Kai, K., O.

D-83052 Bruckmühl (DE)
• GAUS, Rainer
D-83052 Bruckmühl (DE)
• SEDLMEYR, Martin
D-85540 Haar (DE)
• SCHIELE, Stefan
D-56651 Niederzissen (DE)

(74) Vertreter:
Bohnenberger, Johannes, Dr. et al
Meissner, Bolte & Partner
Postfach 86 06 24
81633 München (DE)

(54) BESCHICHTUNG UND TROCKNUNG MIT INFRAROTSTRAHLUNG VON GEGENSTÄNDEN

(87) This international application for which the EPO is a designated office has not been republished by the EPO according to article 158(1) EPC.

Cette demande internationale pour laquelle l'OEB est office désigné n'a pas été republiée par l'OEB en vertu de l'article 158(1) CBE.

Diese internationale Anmeldung, für die das EPA Bestimmungsamt ist, würde, gemäß Artikel 158(1) EPÜ, vom EPA nicht wieder veröffentlicht.

EP 1 144 129 A1